

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims:

1. (Previously Presented) A computer- readable storage medium having embodied thereon a computer program, the computer program including instructions that, when executed, cause a computer to:

display, to a user of an instant messaging system, a graphical user interface that enables the user to access an instant messaging service, the graphical user interface comprising a window that includes a contacts list listing identifiers corresponding to multiple co-users of the instant messaging service, the contacts list being configured to make online presence information for the co-users perceivable to the user and to enable the user to initiate communication sessions with the co-users;

determine a number of unread e-mail messages exchanged between the user and a first one of the co-users;

conditioned on the number of unread e-mail messages being greater than zero, display, within the window that includes the contacts list and in association with the identifier corresponding to the first co-user, a first graphical element that indicates that one or more unread e-mail messages have been exchanged between the user and the first co-user;

enable the user to select the first graphical element;

receive a selection of the first graphical element by the user; and

in response to the selection of the first graphical element by the user, display to the user the number of unread e-mail messages exchanged between the user and the first co-user.

2-6. (Cancelled)

7. (Previously Presented) The computer-readable storage medium of claim 1, wherein the computer program further includes instructions that, when executed, cause a computer to open or activate an application to read the unread email message when the first graphical element is again selected by the user.

8. (Previously Presented) The computer-readable storage medium of claim 1, wherein the computer program further includes instructions that, when executed, cause a computer to open or activate an application listing multiple email messages exchanged between the user and the first co-user.

9-13. (Cancelled)

14. (Previously Presented) A method comprising:

providing an instant messaging system to a user;

displaying, to the user, a graphical user interface that enables the user to access the instant messaging service, the graphical user interface comprising a window that includes a contacts list listing identifiers corresponding to multiple co-users of the instant messaging service, the contacts list being configured to make online presence information for the co-users perceivable to the user and to enable the user to initiate communication sessions with the co-users;

determining a number of unread e-mail messages exchanged between the user and a first one of the co-users;

conditioned on the number of unread e-mail messages being greater than zero, displaying, within the window that includes the contacts list and in association with the identifier corresponding to the first co-user, a first graphical element that indicates that one or more unread e-mail messages have been exchanged between the user and the first co-user;

enabling the user to select the first graphical element;

receiving a selection of the first graphical element by the user; and

in response to the selection of the first graphical element by the user, display to the user the number of unread e-mail messages exchanged between the user and the first co-user.

15. (Cancelled)

16. (Previously Presented) The method of claim 14, wherein receiving a selection of the first graphical element comprises receiving an indication that the user has moved a graphical pointer over the graphical element corresponding to the first co-user in the contacts list.

17-19. (Cancelled)

20. (Previously Presented) The method of claim 14, further comprising displaying the one or more unread email messages in response to a second selection of the graphical element by the user.

21. (Previously Presented) The method of claim 14, further comprising displaying a list of one or more unread email messages exchanged between the user and the first co-user in response to a second selection of the graphical element by the user, the list of one or more unread email messages being limited to email messages exchanged between the user and the first co-user.

22-37. (Cancelled)

38. (Previously Presented) The method of claim 14,
wherein displaying, within the window that includes the contacts list and in association with the identifier corresponding to the first co-user, a first graphical element that indicates that unread e-mail messages have been exchanged between the user and the first co-user includes displaying the first graphical element adjacent to the identifier in the contacts list that corresponds to the first co-user; and

further comprising displaying, within the window that includes the contacts list and in association with the identifier corresponding to a second co-user, a second graphical element, different from the first graphical element, that indicates that a meeting has been scheduled that involves the user and the second co-user.

39. (Previously Presented) The method of claim 14 wherein:

determining that a number of unread e-mail messages have been exchanged between the user and a first one of the co-users includes determining that a number of e-mail messages were sent by the user to the first co-user and remain unread by the first co-user; and

displaying a first graphical element that indicates that one or more unread e-mail messages have been exchanged between the user and the first co-user includes displaying a graphical element configured to inform the user that one or more e-mail messages were sent by the user to the first co-user and remain unread by the first co-user.

40. (Previously Presented) The method of claim 14 wherein:

determining that a number of unread e-mail messages have been exchanged between the user and a first one of the co-users includes determining that a number of e-mail messages were sent by the first co-user to the user and remain unread by the user; and

displaying a first graphical element that indicates that one or more unread e-mail messages have been exchanged between the user and the first co-user includes displaying a graphical element configured to inform the user that one or more e-mail messages were sent by the first co-user to the user and remain unread by the user.

41. (Previously Presented) The method of claim 14 wherein:

determining that a number of unread e-mail messages have been exchanged between the user and a first one of the co-users includes determining that a number of e-mail messages were sent by the user to the first co-user and remain unread by the first co-user; and

displaying a first graphical element that indicates that one or more unread e-mail messages have been exchanged between the user and the first co-user includes displaying a graphical element configured to inform the user that one or more e-mail messages were sent by the user to the first-co-user and remain unread by the first co-user; and

the method further comprises:

determining that a third one of the co-users has sent a number of e-mail messages to the user that remain unread by the user; and

conditioned on the number of unread e-mail messages sent by the third co-user to the user being greater than zero, displaying, within the window that includes the contacts list and in association with the identifier corresponding to the third co-user, a second graphical element configured to inform the user that the third co-user has sent one or more e-mail messages to the user that remain unread by the user.

42. (Previously Presented) The method of claim 14 further comprising:

determining that a second one of the co-users has left a voicemail message for the user;

and

in response to determining that the second co-user left a voicemail message for the user, displaying, within the window that includes the contacts list and in association with the identifier corresponding to the second co-user, a second graphical element, different from the first graphical element, configured to inform the user that the second co-user left a voicemail message for the user.

43. (Previously Presented) The method of claim 38 wherein displaying, within the window that includes the contacts list and in association with the identifier corresponding to the second co-user, a second graphical element that indicates that a meeting has been scheduled that involves the user and the second co-user includes displaying the second graphical element that indicates that a meeting has been scheduled that involves the user and the second co-user concurrently with the first graphical element that indicates that a number of unread e-mail messages have been exchanged between the user and the first co-user.

44-54. (Canceled)

55. (Previously Presented) The computer-readable storage medium of claim 1, wherein the first graphical element comprises an icon.

56. (Previously Presented) The computer-readable storage medium of claim 1, wherein the computer program further includes instructions that, when executed, cause a computer to:

determine a number of unread e-mail messages exchanged between the user and a second one of the co-users; and

conditioned on the number of unread e-mail messages determined to be exchanged between the user and the second co-user being greater than zero, display, within the window that includes the contacts list and in association with the identifier corresponding to the second co-user, a second graphical element that indicates that one or more unread e-mail messages have been exchanged between the user and the second co-user.

57. (Previously Presented) The computer-readable storage medium of claim 56, wherein the computer program further includes instructions that, when executed, cause a computer to:

- enable the user to select the second graphical element;
- receive a selection of the second graphical element by the user; and
- in response to the selection of the second graphical element by the user, display to the user the number of unread e-mail messages exchanged between the user and the second co-user.

58. (Previously Presented) The computer-readable storage medium of claim 1, wherein: the instructions for causing a computer to determine that a number of unread e-mail messages have been exchanged between the user and a first one of the co-users includes instructions for causing a computer to determine that a number of e-mail messages were sent by the user to the first co-user and remain unread by the first co-user ; and

the instructions for causing a computer to display a first graphical element that indicates that one or more unread e-mail messages have been exchanged between the user and the first co-user includes instructions for causing a computer to display a graphical element configured to inform the user that one or more e-mail messages were sent by the user to the first-co-user and remain unread by the first co-user.

59. (Previously Presented) The computer-readable storage medium of claim 1, wherein: the instructions for causing a computer to determine that a number of unread e-mail messages have been exchanged between the user and a first one of the co-users includes

instructions for causing a computer to determine that a number of e-mail messages were sent by the first co-user to the user and remain unread by the user; and

the instructions for causing a computer to display a first graphical element that indicates that one or more unread e-mail messages have been exchanged between the user and the first co-user includes instructions for causing a computer to display a graphical element configured to inform the user that one or more e-mail messages were sent by the first co-user to the user and remain unread by the user.

60. (Previously Presented) The computer-readable storage medium of claim 1, wherein the instructions for causing a computer to display to the user the number of unread e-mail messages exchanged between the user and the first co-user include instructions for causing the computer to display the number in a pop-up window or a dialog box that appears in response to selection of the first graphical element by the user, the pop-up window or the dialog box displaying the number without displaying a list of e-mails received by the user.

61. (Previously Presented) The method of claim 14, wherein the first graphical element comprises an icon.

62. (Previously Presented) The method of claim 14, further comprising:
determining a number of unread e-mail messages exchanged between the user and a second one of the co-users; and
conditioned on the number of unread e-mail messages determined to be exchanged between the user and the second co-user being greater than zero, displaying, within the window that includes the contacts list and in association with the identifier corresponding to the second co-user, a second graphical element that indicates that one or more unread e-mail messages have been exchanged between the user and the second co-user.

63. (Previously Presented) The method of claim 62, further comprising:
enabling the user to select the second graphical element;
receiving a selection of the second graphical element by the user; and

in response to the selection of the second graphical element by the user, displaying to the user the number of unread e-mail messages exchanged between the user and the second co-user.

64. (Previously Presented) The method of claim 14, wherein displaying to the user the number of unread e-mail messages exchanged between the user and the first co-user includes displaying the number in a pop-up window or a dialog box that appears in response to selection of the first graphical element by the user, the pop-up window or the dialog box displaying the number without displaying a list of e-mails received by the user.

65. (Previously Presented) The method of 38, wherein the first graphical element comprises a first icon and the second graphical element comprises a second and different icon.

66. (Previously Presented) The method of claim 43, wherein the first graphical element comprises a first icon and the second graphical element comprises a second and different icon.

67. (Previously Presented) A computer- readable storage medium having embodied thereon a computer program, the computer program including instructions that, when executed, cause a computer to:

display, to a user of an instant messaging system, a graphical user interface that enables the user to access an instant messaging service, the graphical user interface comprising a window that includes a contacts list listing identifiers of other users, the identifiers of other users including a set of identifiers corresponding to co-users of the instant messaging service, the contacts list being configured to make online presence information for the co-users perceivable to the user and to enable the user to initiate communication sessions with the co-users;

determine a number of unread e-mail messages exchanged between the user and a first one of the co-users;

display, within the interface that includes the contacts list and in association with the identifier in the list corresponding to the first co-user, a graphical element that displays the number of unread e-mail messages exchanged between the user and the first co-user.

68. (Previously Presented) The computer-readable storage medium of claim 67, wherein:

the instructions for causing a computer to determine that a number of unread e-mail messages have been exchanged between the user and a first one of the co-users includes instructions for causing a computer to determine that a number of e-mail messages were sent by the user to the first co-user and remain unread by the first co-user ; and

the instructions for causing a computer to display a graphical element that indicates the number of unread e-mail messages exchanged between the user and the first co-user includes instructions for causing a computer to display a graphical element configured to inform the user of the number of e-mail messages sent by the user to the first-co-user that remain unread by the first co-user.

69. (Previously Presented) The computer-readable storage medium of claim 67, wherein:

the instructions for causing a computer to determine that a number of unread e-mail messages have been exchanged between the user and a first one of the co-users includes instructions for causing a computer to determine that a number of e-mail messages were sent by the first co-user to the user and remain unread by the user; and

the instructions for causing a computer to display a graphical element that indicates the number of unread e-mail messages exchanged between the user and the first co-user includes instructions for causing a computer to display a graphical element configured to inform the user of the number of e-mail messages sent by the first co-user to the user that remain unread by the user.

70. (Previously Presented) The computer-readable storage medium of claim 67, wherein the instructions for causing a computer to display, within the interface that includes the contacts list and in association with the identifier corresponding to the first co-user, a graphical element that indicates the number of unread e-mail messages exchanged between the user and the first co-user includes instructions for causing a computer to display a pop-up window or a dialog box that overlays the window and that displays the number of unread e-mail messages to the user, the

pop-up window or the dialog box displaying the number without displaying a list of e-mails received by the user.

71. (Previously Presented) The computer-readable storage medium of claim 70, wherein the instructions for causing a computer to display the pop-up window or dialog box comprise instructions for causing the computer to display the pop-up window or dialog box in response to the user scrolling over the identifier corresponding to the first co-user in the window.

72. (Previously Presented) A computer- readable storage medium having embodied thereon a computer program, the computer program including instructions that, when executed, cause a computer to:

display, to a user of an instant messaging system, a graphical user interface that enables the user to access an instant messaging service, the graphical user interface comprising a window that includes a contacts list listing identifiers corresponding to multiple co-users of the instant messaging service, the contacts list being configured to make online presence information for the co-users perceivable to the user and to enable the user to initiate communication sessions with the co-users;

determine whether unread e-mail messages sent by the user to a first co-user or received by the user from the first co-user are available for access;

conditioned on determining that unread e-mail messages sent by the user to a first co-user or received by the user from the first co-user are available for access, display within the window that includes the contacts list and in association with the identifier corresponding to the first co-user a graphical element that indicates to the user that unread e-mail messages are available for access; and

conditioned on determining that no unread e-mail messages sent by the user to a first co-user or received by the user from the first co-user are available for access, not display within the window and in association with the identifier corresponding to the first co-user any graphical element related to e-mails or e-mail inbox content.

73. (Previously Presented) The computer-readable storage medium of claim 72, further comprising instructions that, when executed, cause a computer to no longer display the graphical element within the window upon subsequently determining that the user accessed previously unread e-mail messages such that no unread e-mail messages from the first co-user remain presently available for access.

74. (Previously Presented) The computer-readable storage medium of claim 72, wherein:
the instructions that cause a computer to determine whether unread e-mail messages sent by the user to a first co-user or received by the user from the first co-user are available for access comprise instructions that cause a computer to determine whether unread e-mail messages sent by the user to the first co-user are available for access by the first co-user; and

the instructions that cause a computer to display within the window that includes the contacts list and in association with the identifier corresponding to the first co-user a graphical element that indicates to the user that unread e-mail messages are available for access comprise instructions that cause a computer to, conditioned on determining that unread e-mail messages sent by the user to the first co-user are available for access by the first co-user, display within the window that includes the contacts list and in association with the identifier corresponding to the first co-user a graphical element configured to inform the user that e-mail messages sent by the user to the first co-user have not been read by the first co-user and remain not read by the first co-user.

75. (Previously Presented) The computer-readable storage medium of claim 72, wherein:
the instructions that cause a computer to determine whether unread e-mail messages sent by the user to a first co-user or received by the user from the first co-user are available for access comprise instructions that cause a computer to determine whether unread e-mail messages received by the user from the first co-user are available for access by the user; and

the instructions that cause a computer to display within the window that includes the contacts list and in association with the identifier corresponding to the first co-user a graphical element that indicates to the user that unread e-mail messages are available for access comprise instructions that cause a computer, conditioned on determining that unread e-mail messages

received by the user from the first co-user are available for access by the user, display within the window that includes the contacts list and in association with the identifier corresponding to the first co-user a graphical element configured to inform the user that e-mail messages sent by the first co-user to the user have not been read by the user and remain not read by the user.

76. (Currently Amended) A method comprising:

displaying, to a user of an instant messaging system, a graphical user interface that enables the user to access an instant messaging service, the graphical user interface comprising a window that includes a contacts list listing identifiers corresponding to multiple co-users of the instant messaging service, the contacts list being configured to make online presence information for the co-users perceivable to the user and to enable the user to initiate communication sessions with the co-users;

receiving an e-mail message addressed to the user from a first co-user, the user having no unread e-mail messages received from the first co-user prior to receipt of the e-mail message;
and

in response to the e-mail message, displaying within the window that includes the contacts list and in association with the identifier corresponding to the first co-user a graphical element that indicates to the user that unread e-mail messages received by the user from the first co-user are available for access by the user, wherein no graphical element related to e-mails or e-mail inbox content was displayed in the window in association with the identifier corresponding to the first co-user prior to receipt of the e-mail message.

77-81. (Canceled)